

Beutnagel 3-12-9

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## Patent Application

|             |  |                |                  |
|-------------|--|----------------|------------------|
| Inventor(s) | Mark Beutnagel<br>Joern Ostermann<br>Schuyler Quackenbusch | Case Name      | Beutnagel 3-12-9 |
| Filing Date | 1/27/1999  | Serial No.     | 09/238,224       |
| Examiner    | Michael Opsasnick  | Group Art Unit | 2645             |
| Title       | Advanced TTS for Facial Animation                          |                |                  |

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

## SUPPLEMENTAL AMENDMENT AFTER FINAL

In response to an Office action dated November 26, 2002, please amend the above-identified application as follows:

## IN THE CLAIMS:

1. (Thrice Amended) A method for generating a signal rich in prosody information comprising the steps of:

inserting in said signal a plurality of phonemes represented by phoneme symbols,  
inserting in said signal a duration specification associated with each of said phonemes,

inserting, for at least one of said phonemes, at least two prosody parameter specifications, with each specification of a prosody parameter specifying a target value for said prosody parameter and any selected point in time for reaching said target value, to thereby generate a signal adapted for converting into speech.

2. The method of claim 1 where at least one of said two prosody parameter specifications specifies pitch.

3. The method of claim 1 where at least one of said two prosody parameter specifications specifies energy.

03/07/2003 SMOORE 00000002 500732 09230224

**LAW OFFICE OF  
HENRY T. BRENDZEL**

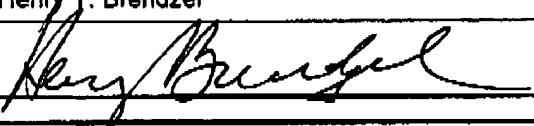
**Date:** March 03, 2003

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|---------------|-----------------------------|---------------|------------------------|
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| <b>Re:</b>    | Serial No: 09/238,224       | <b>Pages:</b> | Cover + 6              |

Henry Brendzel

|  |      |                          |                   |
|--|------|--------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> |      | <i>Complete if Known</i> |                   |
|  |      | Application Number       | 09/238,224        |
|  |      | Filing Date              | 1/27/1999         |
|  |      | First Named Inventor     | Mark Beutnagel    |
|  |      | Examiner Name            | Michael Opeasnick |
| Group/Art Unit   | 2645 |                          |                   |
| Total number of pages in this Submission: this page, plus                                  | 5    | Attorney Docket ID       | Beutnagel 3-12-9  |

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|---|--|--|--|
| <b>ENCLOSURES (check all that apply)</b>  |  |  |  |
| <input type="checkbox"/> Fee Form ( <input type="checkbox"/> Check included)<br><br>If Fee Form is not included, but a fee is due, the Commissioner is Authorized to charge Deposit Account No 500732 of Henry T. Brendzel and consider that appropriate requests have been made. |  | <input type="checkbox"/> Declaration (no Missing Parts Notice)<br><br><input type="checkbox"/> Assignment Papers (for an Application)<br><br><input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition Routing Slip (TO/SB/69) and Accompanying Petition<br><br><input type="checkbox"/> To Convert a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation or Change of Correspondence Address<br><br><input type="checkbox"/> Express Abandonment<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> To Convert to Statutory Invention Registration |  |
| <input checked="" type="checkbox"/> Amendment/Response<br><input checked="" type="checkbox"/> After Final Supplemental  |  | <input type="checkbox"/> Postcard(s)<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> Request for a Refund<br><br><input type="checkbox"/> After Allowance Communication to group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input type="checkbox"/> Other  |  |

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|---|--|--|
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b> |  |  |
| Firm or Individual Name                           | Henry T. Brendzel  |  |
| Signature   |  |  |
|   | Date 3/3/03  |  |

|   |           |      |
|---|-----------|------|
| <b>CERTIFICATE OF MAILING</b>   |           |      |
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelop addressed to the Assistant Commissioner for Patents, PO Box 2327, Arlington, VA 22202 on this date: <input type="text"/> |           |      |
| Name of Person Signing  | Signature | Date |

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| <b>CERTIFICATE OF FACSIMILE</b>  |  |                |
| I hereby certify that this correspondence is being electronically transmitted by facsimile to the United States Patent Office: |  |                |
| Henry Brendzel<br>Name of Person Signing   |  | 3/3/03<br>Date |